WEATHER

Unit
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7 th Grade GLE:	3.1 Introduce the difference in the temperature of land and water	2
Strand 5.2.F	with kids geo.	
a. Explain how the	3.2 PowerPoint for student note taking. ★	
differences in surface	3.3 Group Weather Prediction Worksheet.	
temperature, due to the	3.4 Assessment-Individual weather predictions.★	
different heating and	Production of the control of the con	
cooling rates of water	Sources:	
and soil, affect the	Land vs. Water- http://www.kidsgeo.com/geography-for-kids/0077-land-and-water-effect-temperature.php	
temperature and	ittp://www.niusgeo.com/geography-ioi-nius/oo/7-nanu-anu-water-enect-temperature.php	
movement of the air above		
b. Describe the		
characteristics of air		
masses (i.e., high/low		
barometric pressure,		
temperature) and		
predict their effect on		
the weather in a given		
location		
7th Grade GLE:	4.1 Introduce Cold and Warm fronts	3
Strand 5.2.F	4.2 PowerPoint for student note taking★	
c. Identify weather	4.3 Introduce Weather patterns	
conditions associated	4.4 PowerPoint for student note taking★	
with cold fronts and	4.5 Assessment - Weather factors worksheet	
warm fronts		
d. Identify factors that		
affect weather	Wild Weather Adventure: http://www.weatherwizkids.com/weather-games.htm	
patterns in a particular		
region (e.g., proximity		
to large bodies of		
water, latitude,		
altitude, prevailing		
wind currents, amount		
of solar radiation,		
location with respect		
to mountain ranges)		
7th Grade GLE:	5.1 Weather vs. Climate.	3
Strand 5.2.F	5.2 PowerPoint for student note taking.★	
g. Differentiate	5.3 Factors that affect Weather/Climate Venn Diagram.★	
between weather and	5.4 Weather Jeopardy	
climate.	5.5 Assessment- Weather Unit Quiz★	
h. Identify factors that		
affect climate (e.g.,		
latitude, altitude,		
prevailing wind		
currents, amount of		
solar radiation)		